

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
29 June 2006 (29.06.2006)

PCT

(10) International Publication Number  
**WO 2006/067616 A1**

(51) International Patent Classification:

B65B 29/02 (2006.01) B65B 9/20 (2006.01)  
B65B 35/50 (2006.01)

(21) International Application Number:

PCT/IB2005/003938

(22) International Filing Date:

14 December 2005 (14.12.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

BO2004A000784

20 December 2004 (20.12.2004) IT

(71) Applicant (for all designated States except US): I.M.A.  
INDUSTRIA MACCHINE [IT/IT]; Automatiche S.p.A.,  
Via Emilia Levante, 428-442, I-40064 Ozzano Emilia (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): CONTI, Roberto  
[IT/IT]; Via Condotto, 13/A, I-40026 Imola (IT).

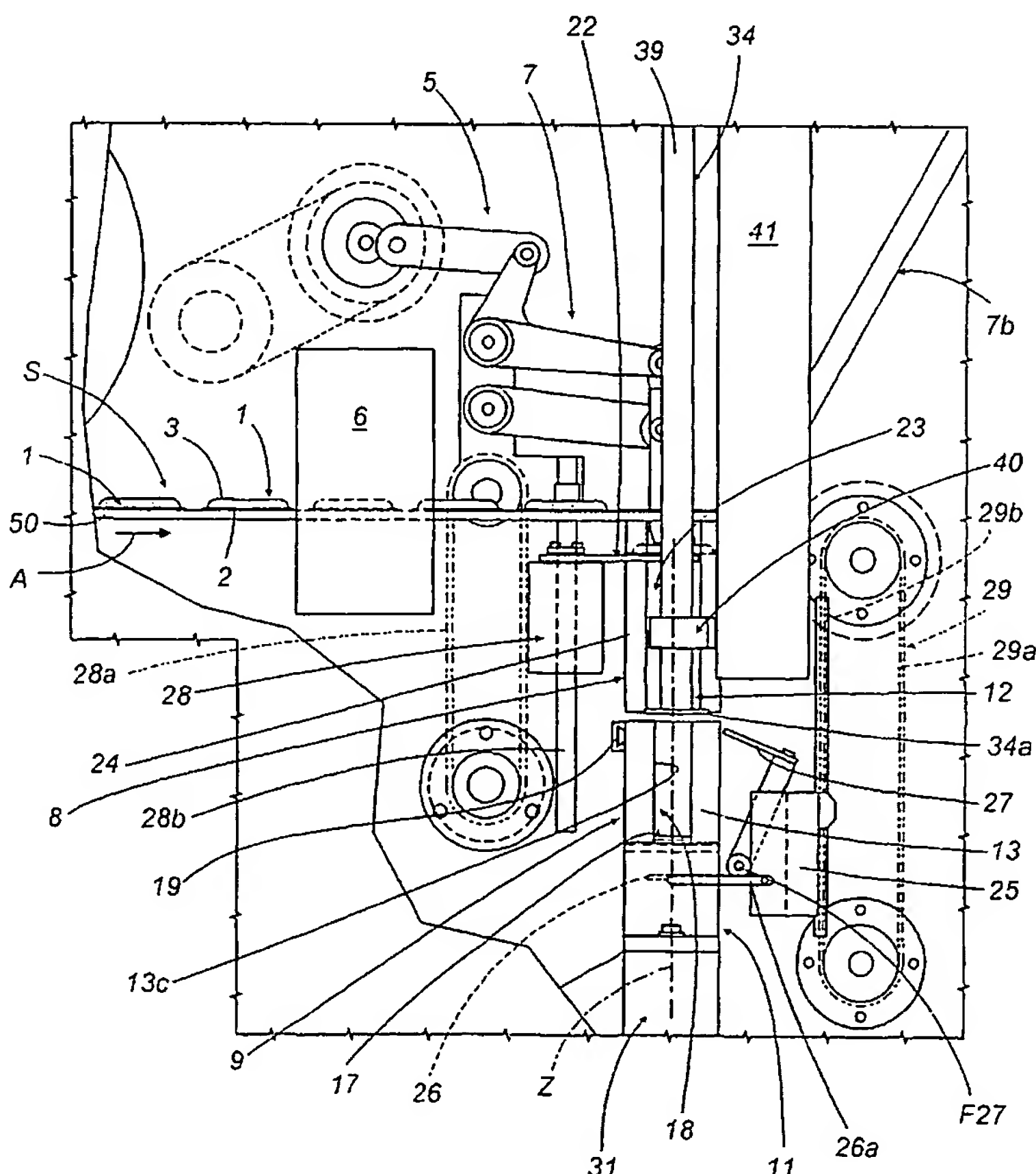
(74) Agent: LANZONI, Luciano; Bugnion S.p.A., Via Goito,  
18, I-40126 Bologna (IT).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,  
LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI,  
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,  
SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US,  
UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,  
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: A PACKAGING MACHINE FOR MAKING AND PACKAGING ARTICLES CONTAINING A PRODUCT FOR INFUSION



(57) Abstract: Described is a machine (5) for making and packaging articles (1) containing infusion product, the machine (5) being of the type defined by a production line (A) comprising a plurality of operating stations located one after the other and designed to make at least one continuous strip (S) by superposing and sealing two webs of filter paper with measured quantities or charges (4) of infusion product interposed between them at regular intervals; and at least one cutting station (6) for dividing up the strip (S) to form a succession of individual articles (1). The machine (5) further comprises at least one built-in packaging station (8, 8a) for packaging groups of the articles (1) in bag-like packets (10). The built-in packaging station (8, 8a) is located immediately downstream of the cutting station (6) and comprises a packaging device (9) for making up stacks (1a, 1b) with the articles (1) and 15 a transfer device (11) which guides the stacks (1a, 1b) of articles (1) along a vertical feed path section (Z) transversal to the production line (A) and feeds them into the bag-like packets (10).



Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*